

REMARKS

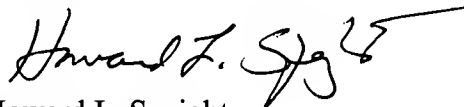
This is a continuation of United States Patent Application Serial Number 09/206,627. Claims 2-18, 20-25 and 27-33 have been cancelled. Claims 34-36 have been added and are supported by the specification.

Claims 1, 19, 26, and 34-36 are believed to be in condition for allowance. Such action is respectfully requested.

SUMMARY

Should the Examiner have any questions, comments or suggestions in furtherance of the prosecution of this application, the Examiner is invited to contact the attorney of record by telephone or facsimile.

Respectfully submitted,



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This invention relates generally to location reporting apparatus and methods. More particularly, this invention relates to location reporting apparatus and methods that use the Global Positioning Satellite System (“GPS”) to ascertain an object’s location. Even more particularly, this invention relates to location reporting apparatus and methods that are triggerable and that report their location derived from GPS signals, via telemetry.

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the enable controller being configured to disable the GPS receiver and the cellular network transmitter.

19. (amended) A method for reporting a location for an object in an environment including: a source of Global Positioning Satellite System (GPS) signals; a source of a trigger; a cellular base station connected through a network to a gateway; the cellular base station being configured to expect a Reverse Control Channel signal including a Mobile Identification Number and an Electronic Serial Number, the method comprising:

receiving a [page] trigger;

enabling, in response to the trigger, a GPS receiver responsive to the GPS signals to produce GPS data;

[determining, in response to the page, the location of the object using GPS signals;]

selecting less than all of the GPS data to produce selected GPS data;

enabling, in response to the trigger, a cellular network transmitter to format and transmit a Reverse Control Channel signal including the selected GPS data in the place normally occupied by the Electronic Serial Number and a Mobile Identification Number that will cause the cellular base station to send a Registration Notification Invoke signal including the selected GPS data to the gateway; and [transmitting the location of the object via telemetry.]

disabling the GPS receiver and the cellular network transmitter.

26. (amended) A triggerable location-reporting apparatus comprising

a location-signal generating device configured to produce a location signal including location data when enabled;


a data selecting device for selecting less than all of the location data to include in the location signal;

a telemetry transmitter coupled to the [location-signal generating] data selecting device configured to transmit the location signal when enabled; and

an enable controller configured to enable the location-signal generating device and the telemetry transmitter when it receives a trigger signal and to disable the location-signal generating device and the telemetry transmitter after the telemetry transmitter transmits the location signal.

to this document, or should an overpayment be included herein, the Commissioner is hereby authorized to deduct the fee from Baker Botts, L.L.P. Deposit Account 02-0383.

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